MONTANA-POWDER RIVER CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 4875 I SE (DIVIDE SCHOOL) 105°37′30″ R 49 E 45°45′ 14 15 16 17 18 13 23 19 21 22 24 20 feet. Isopach interval 1 foot. 26 30 25 29 27 28 42'30" 35 33 34 32 31 36 36 T25 2 3 11 10 12 14 15 16 17 18 13 21 22 23 20 26 29 27 35 33 31 (OLIVE) 4875 II SE 32'30" R 49 E R 50 E Compiled in 1977 Base map from U.S. Geological Survey, 1973 SCALE 1:24 000 7000 FEET 1 KILOMETRE 1 5 0 I = 1 F = 1 F = 1 F = 1 I = = 1 0°24' | /14° 7 MILS | /249 MILS MONTANA

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THE COALWOOD QUADRANGLE, POWDER RIVER COUNTY, MONTANA

QUADRANGLE LOCATION

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

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COALWOOD QUADRANGLE

OPEN-FILE REPORT This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

EXPLANATION

ISOPACHS OF THE COAL BED-Showing thickness, in

- 3580 ---STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea

3.7+ 3604

BOUNDARY OF COAL DEPOSIT-Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet. Plus (+) sign after number indicates incomplete measurement.

To convert feet to meters, multiply feet by 0.3048.